

Section J.7

DRAS System Description

The Retiree and Casualty Pay Subsystem (RCPS) users are in Cleveland and the mainframe processing is at DMC Chambersburg. The Annuity Pay Subsystem (APS) users are in Denver with their mainframe at DMC Mechanicsburg. The following DRAS System description is provided to assist the contractor in understanding the current operating system at DFAS. It also provides a summary description of the interface and it references related reporting requirements in Section F.

1. DRAS System Description: DRAS is a term that is the sum total of the component systems described below, and therefore does not have a separate description. The Annuity Pay Subsystem (APS), Retiree and Casualty Pay Subsystem (RCPS), and Document Management / Mail Image Routing Optical Recording System (MIRORS) hardware and software descriptions are provided to describe the current system configurations. For the database characteristics reference the data dictionaries for each respective subsystem of DRAS. Data Dictionaries are located in the reference library. See Section L of this solicitation for procedures to review documents in the reference library. Flow charts are available in the reference library.

1.1. DRAS APS: The APS establishes, adjudicates and computes pay, and maintains accountability for the DoD military retiree related Survivor Benefit Plan, and Retired Serviceman's Family Protection Plan annuities. Normally, this pay system has quarterly software releases.

- ◆ The APS runs on an Amdahl 5890 mainframe, using the OS390 operating system, Computer Associates (CA)-IDMS-version 12.0/Application Development System On-line (ADSO), and DBMS, COBOL, IDMS COBOL, and CULPRIT.

1.1.1. Interfaces: DRAS-APS interfaces with the:

- ◆ **Central Finance and Accounting Support System (CFASS)** to provide check files in the variable length Troy check format for check printing. The transfer method is by disk.
- ◆ **Federal Reserve Bank (FRB)** to receive and send Financial Institution data changes and retiree death data via Electronic Funds Transfer (EFT) system. The transfer method is Bulk data transfer.

Integrated Paying and Collecting - Rehost System (IPC-R) with a current implementation date of July 24, 2000.

- ◆ **Integrated Paying and Collecting – Rehost System (IPC-R) (future interface, by 8/00)** will offer a centralized disbursing system for EFT and Checks. Will replace interface requirement of CFASS and FRB.
- ◆ **Defense Joint Military Pay System (DJMS)** to update financial institution data on Table 50. The transfer method is disk.

- ◆ **Defense Manpower Data Center (DMDC)** to provide DMDC with annuitant data for Operation Mongoose, Social Security Death Bump, Office of the Actuary, and other government agencies with a need to know. The transfer method is tape.
- ◆ **Compensation and Pension System (CMP)** to obtain Dependency Indemnity Compensation (DIC) award determinations. The Department of Veteran Affairs provides a tape that reflects DIC awarded to annuitants. The transfer method is tape.
- ◆ **Retiree Casualty Pay Subsystem (RCPS)** to obtain new casualty, annuitant and annuitant death data. This interface between DRAS-APS and DRAS-RCPS is via the notification of death carryover (NODCROVR) process. The transfer method is FTP.
- ◆ **Mail Imaging Routing and Optical Recording System (MIRORS)** to report/update for DRAS-APS and MIRORS. The transfer method is disk.
- ◆ **Integrated Voice Response System (IVRS)** to provide annuitant automated self-service capability. The transfer method is disk.
- ◆ **Defense Debt Management System (DDMS)** to report debt information to Debt and Claims Management for annuitants who no longer receive annuity benefits. The transfer method is tape.
- ◆ **Office of Personnel Management Employee/Member Self Service (E/MSS)** to provide annuitant self-service capability via the Internet. The Office of Personnel Management maintains this system. The transfer method is MQ Series (Disk Based Message Queuing System).

1.1.2. Other Inputs and Outputs: Reference the DRAS-APS Output Reports at Section F.

1.2. DRAS-RCPS: The RCPS operation establishes, adjudicates, and maintains accounts for DoD military retirees and former spouses. It primarily maintains historical payroll information that includes but is not limited to retiree and annuitant entitlement information as well as factors that affect payments to individual retirees, allotments, creditors, and former spouses. RCPS computes pay for military retirees.

- ◆ The RCPS runs on an Amdahl 6750 mainframe using an OS390 operating system, COBOL II, CICS, Easytrieve, and Easytrieve Plus. It utilizes VSAM files.

1.2.1. Interfaces: DRAS RCPS interfaces with the:

- ◆ **Defense Manpower Data Center (DMDC)** to provide death match, VA reconciliation, salary offset and SBP/RCSBP rates. Transfer media is CART, and the frequency varies.
- ◆ **DVA** to provide VA retiree awards information and payment withholding data. Transfer method is CART, and frequency varies.

- ◆ **Navy (NRPC/IMAPMIS)** to provide input of Navy retirement data for new retirements, automated account maintenance information, Navy reserve and Fleet reserve future retirement data. Transfer media is shared Direct Access Storage Device, and frequency is monthly.
- ◆ **Air Force (AFPC/PDS)** to provide daily input of Air Force retirement data for building new retirements and automated account maintenance information. Transfer method is TCPIP.
- ◆ **Army (ARPERSCOM/TRANSPROC)** to provide daily input of Army Active Duty retirement data for building new retirements and automated account maintenance information. Transfer method is TCPIP.
- ◆ **Army (ARPERCEN)** to provide daily input of Army Reserve retirement data for building new retirements. Transfer method is TCPIP.
- ◆ **First Chicago Bank** to provide daily SBP remittance payment data. Transfer method is Advantix.
- ◆ **Defense Commissary Agency (DECA)** to provide debt information needed to initiate pay deductions. Transfer media is TCPIP.
- ◆ **Bureau of Personnel (BUPERS) FORMAN** to provide Navy retirement data.
- ◆ **Defense Joint Military Pay System (DJMS)** to provide Army, Navy, & Air Force retirement data (number of drill days, separation data, severance pay). Provides financial institution data for table 50. Transfer media and frequency are various.
- ◆ **Payroll Locator File System (Integrated Garnishment System)** to identify Social Security number information as requested to determine location of member's account.
- ◆ **Integrated Garnishment System (IGS)** (FUTURE INTERFACE)
- ◆ **Automated Disbursing System (ADS)** to provide return checks and check files, bonds extract, EFT routing changes, update 1099R data and input changes to W2 data. Transfer media and frequency are various.
- ◆ **CITICORP (NEXCARD debts)** to provide debt information for pay deductions. Transfer media is CART and frequency is several times per month.
- ◆ **Defense Debt Management System (DDMS)** to provide debt information for automated building of DD139 debts, except DECA and Non-Appropriated fund debts. Transfer media is NETVIEW and frequency is monthly.

- ◆ **Office of Personnel Management Employee/Member Self Service (E/MSS)** to provide transaction data used to update member account information. Transfer media is via the Internet or through the telephone via IVRS. Frequency is daily.
- ◆ **Mail Imaging Routing and Optical Recording System (MIRORS)** to exchange a variety of print, reports and other files. Both file transfer protocol (FTP) and System Network Architecture (SNA) transfer methods are used.

1.2.2. Other Inputs and Outputs: Reference RCPS Output Reports at Section F.

1.3. Allotment System: Allotments are processed using a COBOL CICS based standalone system. This system calculates the monthly deductions and forwards this data to DRAS-RCPS.

- ◆ The Allotment system utilizes a DB2 database to manage composite payments. When allotments for multiple members are going to one institution, only one payment is sent, although the master allotment file is VSAM. A listing explaining the distribution of the amount accompanies the composite statement.

1.3.1. Interface: Interfaces with RCPS, and

- ◆ **Veterans Administration** to provide monthly stops and changes by branch of service for National Servicemen's Life Insurance (NSLI) allotments and receives monthly files, by branch of service, with all NSLI starts and stops processed by DFAS-CL. Transfer media is TCPIP.
- ◆ **Delta Dental** - current contractor for Tricare Retiree Dental Plan (TRDP) allotments provides monthly starts, stops and changes, and receives monthly files of rejected input, and allotments paid and stopped. Transfer media is TCPIP.
- ◆ **Iowa Foundation for Medical Care (IFMC)** - current contractor for Federal Employees Health Benefit Plan (FEHBP) allotments provides monthly starts, stops and changes and receives monthly files of rejected input and allotments paid and stopped. Transfer media is TCPIP.
- ◆ **Army Emergency Relief (AER)** to provide monthly starts and stops for charity and loan allotments. Transfer media is round tape.
- ◆ **Air Force Aid Society (AFAS)** to provide monthly starts and stops for loan allotments. Transfer media is TCPIP (input).
- ◆ **Navy Marine Corps Relief Society (NMCRS)** to provide monthly starts and stops for loan allotments, and annual starts for charity allotments. Transfer media is TCPIP.
- ◆ **Office of Service Members Group Life Insurance (OSGLI/Prudential)** to provide monthly starts, stops and changes for Veterans Group Life Insurance (VGLI) allotments. Transfer media is round tape.

- ◆ **Navy Mutual Aid Society (NMAA)** to provide monthly starts, stops and changes for NMAA allotments. Transfer media is TCPIP.
- ◆ **Blanket institutions** - Approximately 1,400 institutions, including most shown above, receive a monthly composite (blanket) payment covering all allotments payable to the institution. Transfer media is paper, round tape, or square cartridge.
- ◆ **Postal Bond System** to receive monthly file of U.S. savings bonds issued currently. Transfer media is DASD.
- ◆ **Automated Disbursing System (ADS)** to receive combined files of check/EFT payments and files for blanket payments. Provides check numbers for reporting and/or posting, and maintenance data for EFT allotments. Transfer media and frequency are various.

1.3.2. Other Inputs and Outputs: Reference DRAS Output Reports at Section F.

1.4. Notice of Death (NOD) System: NOD is a sub-system of RCPS. It uses VSAM files. The NOD records death information and identifies potential arrears-of-pay and annuity beneficiaries.

1.4.1. Interfaces: Interfaces with DRAS, Automated Disbursing System, and Allotments.

1.5. Voluntary Separation Incentive (VSI) Application Support: The VSI Application for annuitants is a Fox Pro 2.6 Windows application running on IBM-compatible 386 and 486 personal computers (PCs). It is a stand-alone system to establish, adjudicate, and maintain accountability for VSI beneficiaries.

1.5.1. Interface: No interfaces.

1.5.2. Other Inputs and Outputs: Reference the Output Reports at Section F.

1.6. VSI/Reservist Special Separation Program (RSSP): The VSI/RSSP system for retirees is a COBOL CICS stand-alone system that uses a VSAM master file. This system electronically computes and generates annual pay for eligible separated military members.

1.6.1. Interface: Interfaces with the Defense Joint Military Pay System, Defense Manpower Data Center, and Defense Debt Management System.

1.7. Special Separation Benefits (SSB) System: The SSB is a COBOL CICS program that retains historical payment and reserve affiliation requirements to provide a single lump sum payment upon separation.

1.7.1. Interface: Interfaces with Defense Joint Military Pay System.

1.8. Special Compensation for Severely Disabled Retirees (SCSD) System: The system computes the amount of compensation paid to qualified individuals. Taxability,

garnishment, and debt-offset guidance are being defined. This special compensation entitlement is paid using active duty military personnel appropriated funds.

- ◆ This system is currently under development and will be mostly a stand-alone system that will use the payment and mailing addresses from RCPS. The disability and resulting entitlement is determined by the Department of Veterans Affairs (VA) based on the member's percentage of disability and/or employable status and information from the DRAS/RCPS. It uses a VSAM master file of accounts. The record size is 6,320 bytes. The number of potentially eligible retirees are 462,643 and includes all eligible, and verified non-eligible retirees with disability rating subsequent to non-disability retirement. The projected growth is 1,500 retirees a month.

1.8.1. Interfaces: Interfaces with the Veteran Administration (VA). SCSD interfaces with the RCPS for payment and correspondence address data by reading the RCSP master on-line. The method of transfer is tape.

1.8.2. Other Inputs and Outputs: It generates monthly payment files, annual tax statements, annual VA reconciliation, work item reports to MIRORS and SAR, and the external files read - DRAS master.

1.9. Document Management / Mail Image and Routing Optical Recording System (MIRORS): MIRORS is a mid-tier imaging and workflow system that archives, retrieves, scans, routes, and manage correspondence for electronic document management. MIRORS receives and sends data (i.e. interfaces with) from and to the mainframe subsystems (RCPS and APS) for processing.

- ◆ The imaging platforms at Cleveland and Denver includes a Wang VS server running the workflow applications using Professional Application Creation Environment (PACE) database software. This interfaces with a HP UNIX server that runs the imaging software and archival database, Eastman Opening/image and Oracle RDBMS respectively. The workflow applications have routing and tracking interfaces to both RCPS and APS. The system holds approximately 200 GB of online storage; jukebox capacity is over a terabyte of optical storage. Sixty to ninety days after each workflow record is closed, the image is moved to the jukebox, and the database record moved to a data history table.
- ◆ Eastman Open/Image software stores images in standard TIF format and is compatible with WIF images scanned since 1990. ELAN standard communications protocols (TCP/IP) and SPX are used.

1.9.1. Interface: Interfaces with the DRAS.

1.9.2. Other Inputs and Output: Reference DRAS Output Reports at Section F.

1.10. Victims of Dependent Abuse System: VOA is a stand-alone manual system that maintains accountability for VOA recipients. The system prepares electronic vouchers for monthly payments due recipients.

- ◆ The VOA system is partially automated and uses a Microsoft Access 97 Database tool that run on 386 and 486 Personal Computers.

1.10.1. Interfaces: No interface.

1.10.2. Other Inputs and Outputs: Reference the Output Reports.